

# UTILITY PATENT APPLICATION TRANSMITTAL

Submit an original and a duplicate for fee processing  
(Only for new nonprovisional applications under 37 CFR 1.53(b))

## ADDRESS TO:

U.S. Patent and Trademark Office  
Box Patent Application  
P.O. Box 2327  
Arlington, VA 22202

Attorney Docket No. 01-662

First Named Inventor Handfield, et al.

Express Mail No. ET184863297US

## APPLICATION ELEMENTS

1. ☒ Transmittal Form with Fee
2. ☒ Specification (including claims and abstract) [Total Pages 38]
3. ☐ Drawings [Total Sheets ]
4. ☐ Oath or Declaration [Total Pages ]
  - a. ☐ Newly executed
  - b. ☐ Copy from prior application

[Note Boxes 5 and 18 below]

  - i. ☐ Deletion of Inventor(s) Signed statement attached deleting inventor(s) named in the prior application
5. ☐ Incorporation by Reference: The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6. ☐ Computer Code Listing (See 1.96)
  - a. ☐ Microfiche Appendix
  - b. ☐ CD-Rom (in duplicate, with separate transmittal)
7. ☒ Nucleotide and/or Amino Acid Sequence Submission
  - a. ☒ Computer Readable Copy
  - b. ☒ Paper Copy (234 pages)
  - c. ☒ Statement verifying above copies
8. ☒ Small Entity Status
 

☒ is claimed

☐ Statement filed in prior application; status still proper and desired

☐ is no longer claimed.

## ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers
10. ☐ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)
 

☐ PTO-1449 Form


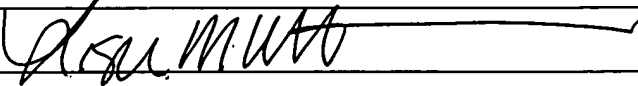
☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
16. ☐ A Request for non-publication pursuant to 35 U.S.C. § 122(b)(2)(B)(i)
17. ☒ Other: Certificate of Express Mail

## 18. ☐ This is a CONTINUING APPLICATION. Please note the following:

- a. ☐ This is a ☐ Continuation ☐ Divisional ☐ Continuation-in-part of prior application
- b. ☐ Cancel in this application original claims of the prior application before calculating the filing fee. (At least one claim must remain.)
- c. ☐ Amend the specification by inserting before the first line the sentence:  
This is a ☐ continuation ☐ divisional ☐ continuation-in-part of application Serial No.
- d. ☐ The prior application is assigned of record to

## UTILITY PATENT APPLICATION TRANSMITTAL

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APPLICATION FEES				
BASIC FEE				\$ 740.00
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total Claims	27 -20=	7	x \$18.00	\$ 126.00
Independent Claims	4 - 3=	1	x \$84.00	\$ 84.00
<input type="checkbox"/> Multiple Dependent Claims(s) if applicable			+\$280.00	\$
Total of above calculations =				\$ 950.00
Reduction by 50% for filing by small entity =				\$(475.00)
<input type="checkbox"/> Assignment fee if applicable			+\$40.00	\$
TOTAL =				\$ 475.00
19. <input type="checkbox"/> Please charge my Deposit Account No. 13-2490 in the amount of \$				
20. <input checked="" type="checkbox"/> A check in the amount of \$475.00 is enclosed.				
21. The Commissioner is hereby authorized to credit overpayments or charge any additional fees of the following types to Deposit Account No. 13-2490:				
a. <input checked="" type="checkbox"/> Fees required under 37 CFR 1.16.				
b. <input checked="" type="checkbox"/> Fees required under 37 CFR 1.17.				
c. <input checked="" type="checkbox"/> Fees required under 37 CFR 1.18.				
22. The Commissioner is hereby generally authorized under 37 CFR 1.136(a)(3) to treat any future reply in this or any related application filed pursuant to 37 CFR 1.53 requiring an extension of time as incorporating a request therefor, and the Commissioner is hereby specifically authorized to charge Deposit Account No. 13-2490 for any fee that may be due in connection with such a request for an extension of time.				
23. CERTIFICATE OF MAILING				
I hereby certify that, under 37 CFR § 1.10, I directed that the correspondence identified above be deposited with the United States Postal Service as "Express Mail Post Office to Addressee," addressed to the Asst. Commissioner for Patents, Box Patent Application, Washington, DC 20231, on the date indicated below.				
24. USPTO CUSTOMER NUMBER				
 <b>20306</b> PATENT TRADEMARK OFFICE <b>McDonnell Boehnen Hulbert &amp; Berghoff</b>				
25. SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED				
Name	Lisa M.W. Hillman			
Reg. No.	43,673			
Signature				
Date	November 28, 2001			

UTIL (Rev. 11/21/00)

**CERTIFICATE OF MAILING BY "EXPRESS MAIL"**  
**(NEW PATENT APPLICATION)**

Express Mail No. ET184863297US

Deposited November 28, 2001

I hereby certify that the attached correspondence, identified below, is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" under 37 CFR § 1.10 on the date indicated above and is addressed to the U.S. Patent and Trademark Office, P.O. Box 2327, Attention NEW APPLICATION, Arlington, VA 22202.

By: 

(person *actually* depositing)

Patent Application of: Handfield, et al.

Title: Identification of Antinobacillus Actinomycetemcomitans Antigens for Use in the Diagnosis, Treatment and Monitoring of Periodontal Diseases

☒ Patent Application ( 38 pages, including claims)

☒ Postcard

☒ Transmittal Letter

☒ Check

☒ Other

Attorney Docket No.: 01-662

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**PATENT**

**In the Application of:**

**Handfield**

**Serial No.: TBA**

**Filed: November 28, 2001**

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**Art Group: TBA**

**Examiner: TBA**

**Atty. Dckt. No.: 01-662**

**For: IDENTIFICATION OF ACTINOBACILLUS ACTINOMYCETEMCOMITANS ANTIGENS FOR USE  
IN THE DIAGNOSIS, TREATMENT, AND MONITORING OF PERIODONTAL DISEASES**

Commissioner for Patents  
Washington, D.C. 20231-9999

**STATEMENT UNDER 37 C.F.R. § 1.821(f)**

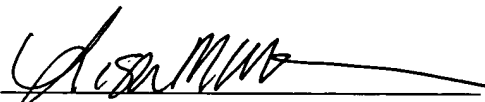
Sir:

The undersigned representative hereby declares that the sequence listing information recorded in computer readable form is identical to the written sequence listing.

Respectfully submitted,

Dated: November 28, 2001

By:

  
Lisa M.W. Hillman  
Reg. No. 43,673